



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

SK145-0115-20
Job Sheet 178001



Part No: SK145-0115-20

Job Qty: 54 ea

Part Name: Clamp Bar



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 5/24/18

Job Tracking No:

Due Date: 7/20/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	54 Ea		7/20/18	0.00	0.00	Start Up Machining-3		BC 18-06-19
110	Bandsaw	54 pcs		7/20/18	0.00	2.70	Bandsaw1		BC
120	Large Fab	54 pcs		7/20/18	0.00	27.00	Large Fab 8		BC
122	QC	54 pcs		7/20/18	0.00	0.00	QC5		BC
125	CNC Vertical Machining	54 pcs		7/20/18	0.00	13.50	HAAS 1		BC
130	QC	54 pcs		7/20/18	0.00	0.00	QC2 Machining-4		BC 18-10-26
180	QC	54 pcs		7/20/18	0.00	0.00	QC8 Machining-4		BC 18-10-26
190	Outsource	54 pcs		7/20/18			GRO002-VC	5	BC 18-10-26
200	Packaging	54 pcs		7/20/18	0.00	0.00	Packaging2		OCT 30 2018
210	QC	54 pcs		7/20/18	0.00	0.00	QC6		OCT 30 2018
220	Packaging	54 pcs		7/20/18	0.00	0.00	Packaging3-1		9-89
230	QC21-SA	54 Ea		7/20/18	0.00	0.00	QC21		

Part Op 110 - CUT

Descriptions: 120 - 1- MANUFACTURE AS PER DWG

125 - ***MACHINE TO LENGTH, MACHINE CHAMFER AND DRILL HOLES*** 1-Machine as per folio FB

FOLIO REV: _____ DWG REV: _____ 2-Debur

190 - ISSUE P/O: 04453 PASSIVATE AS PER DWG ACCORDANCE WITH ASTM A967 C OF C IS REQUIRED

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M304R.500	304 SS roundbar .500	89.6400 ft (1.66 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M304R.500	90	160	0

Part Specifications

Specifications could not be found.

So 74041 - 40.5
So 80895 - 46.5

Plex 5/24/18 1:51 PM Dart.lajeunesse.marie

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table border="0"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
	Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																	
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	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																	
Large Fab ☐	Composite ☐	Supplier ☐																			

Date : _____ Step #: _____ QTY Effective : _____ MRB (QSI042) Approval _____

Description Work Order Deviation **Disposition**

Description Work Order Deviation	Disposition
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Root Cause		Pressure/Forced	
Environment ☐	No Re-verification ☐	Bending ☐	
Design ☐	Operator ☐	Centre Not Concentric ☐	
Doc/Data ☐	Offset/Setup ☐	Cracks ☐	
Equip/Tooling ☐	Supplier ☐	Crimp/Kink/Ripple/Wave ☐	
Handling/Pre ☐	Training ☐	Cuffs ☐	
Material ☐	Use for Testing ☐	Crushing ☐	
Internal Transport ☐	Poor Information ☐	Heat Treat ☐	
Tribal Knowledge ☐	Rushing ☐	Wave/Twist in Tube ☐	
LOA ☐	Product Improvement ☐	Marks/Chatter ☐	
Substation ☐	Process Improvement ☐		
Past Expiry Date ☐	Manufacturing Process ☐		
Misidentified ☐	Past Due ☐	OTHER : _____	

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Heckesbury, ON K6A 1K7
CANADA
TEL.: 1 813 632-5200
Email: sales@dartaero.com
www.dartaerospace.com



Container No: S082277



Part: SK145 - 0115 - 20

Job No: 178001

Serial No/Batch: S082277

Revision: 0

Inspector:

Exp Date:

Instructions:

Date: 06/19/18

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition				Completed By																	
								Lead hand / Supervisor Approval Verification																	
										QC / QA Coordinator Approval															
Root Cause		FAULT CATEGORY																							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐																				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐																				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐																				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐																				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐																				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐																				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐																				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐																				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐																				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐																				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____																							
Misidentified ☐	Past Due ☐																								



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041483**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO041483
PO Date: 10/26/18
Due Date: 10/31/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Phone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 60
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	178001	SK145-0115-20	Clamp Bar ISSUE P/O: PASSIVATE AS PER DWG ACCORDANCE WITH ASTM A967 C OF C IS REQUIRED	Firmed	-	10/31/18	54 pcs	0 pcs	54 pcs	\$1.91/pcs	\$103.14

100



Certificat de Conformité / Certificate of Compliance

(013902-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

013902- 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
29-Oct-2018		Aman		041483 ✓				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	SK145-0115-20 Rev.	SK145-0115-20 ✓ 01-PASSIVATION- #3 [PASSIVATION #3] SPÉC: ASTM A967 C OF C *** SPÉC: AS PER DRAWING ***	PASSIVATION CH	54	54 ✓	0	0	0

 DAS
 68
 9-89

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness
Inspecteur Qualité
Quality Inspector
Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.

